National Aeronautics and Space Administration

Headquarters
Washington, DC 20546-0001

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Reply to Attn of: **Office of the Chief Information Officer**

TO: Distribution

FROM: Chief Information Officer (Acting)

SUBJECT: Two-Factor Token Infrastructure

By the end of Fiscal Year (FY) 2009, the NASA-CIO sponsored Two-Factor Token Infrastructure (TFTI) team will implement an Agency-wide token infrastructure for RSA SecurID tokens. This infrastructure is intended to replace Center and project-based token implementations. Tokens can be used to provide access to NASA applications and services for which the use of smartcards is not feasible, in accordance with EA-STD-0001 and EA-SOP-0004.

As part of this effort, the TFTI team will consolidate existing RSA SecurID implementations to reduce complexity, simplify token and license management, and provide an integrated approach to user authentication.

The TFTI team is currently developing a detailed transition plan and identifying the characteristics of the RSA realms that will be consolidated. Each realm includes the RSA service and operations that support an organization or program. The transition will occur through the first half of FY 2010.

To prepare for this consolidated environment, Centers are required to immediately take the following actions:

- Discontinue new and planned investments in and deployments of token infrastructure.
- Discontinue the procurement of new RSA SecurID tokens and licenses and do not renew maintenance contracts for these components.
- If your Center has not done so already, convert your infrastructure to use of the Agency User ID (AUID).

Consolidation will result in membership in a centrally-provisioned and appropriately Certified and Accredited (C&A) environment that includes the following:

- Dedicated system administration;
- 24x7 Help Desk support; and

- Premium RSA support including a dedicated engineer, state-of-the-art hardware, and the most current software available from RSA.

It will not be feasible to consolidate some existing RSA realms. However, when practical, the TFTI team will make arrangements to coordinate token procurement, licensing, and distribution on behalf of these environments.

By eliminating the "web of trust" required between the many existing RSA realms, NASA will improve security, reduce redundancy, and minimize the number of RSA SecurID tokens that individuals will require to access services throughout the Agency. The TFTI team will also negotiate more efficient agreements with RSA for SecurID components.

If you have questions, please contact Tony Facca, 216-433-8318 or tony.facca@nasa.gov. You may also send an e-mail to the TFTI team: TFTI-team@lists.nasa.gov.

For Bobby L. German

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